

## WHAT IS CLAIMED IS:

1. A printing control method of converting data into print data which a printing apparatus can process, said printing control method comprising:

5 a setting step of setting an overall setting to be applied to the entire print data and a partial setting to be applied to a designated page in generating the print data; and

a conversion step of converting the data into the  
10 print data in accordance with the overall setting and the partial setting while preferentially applying the partial setting set by said setting step.

2. The printing control method according to claim 1,  
15 wherein said setting step has a page designation step of designating a page to which the partial setting is applied and, in said conversion step, the overall setting is applied to items other than items to which the partial setting is applied.

20 3. The printing control method according to claim 1, wherein said conversion step converts metadata generated by an operating system into the print data in accordance with the overall setting and the partial  
25 setting while preferentially applying the partial setting to the metadata.

4. The printing control method according to claim 1,  
wherein said conversion step converts bitmap data  
generated by a renderer into the print data in  
accordance with the overall setting and the partial  
5 setting while preferentially applying the partial  
setting to the bitmap data.

5. The printing control method according to claim 1,  
wherein the print data is bitmap data.

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6. A printing control method of converting inputted  
drawing data into a print data which a printing  
apparatus can print and transferring the print data to  
the printing apparatus, said printing control method  
15 comprising:

a first determination step of determining an  
overall setting which is a print setting to be applied  
to the entire drawing data;

a step of recording the overall setting determined  
20 in said first determination step in a setting table for  
managing settings;

a second determination step of determining a  
partial setting which is a setting to be applied only  
to a part of pages in the case in which the drawing  
25 data extends over a plurality of pages;

a step of recording the partial setting determined in said second determination step in the setting table; and

a step of determining a setting to be used for  
5 each page of interest from the setting table and  
generating print data based upon the determined setting.

7. The printing control apparatus for converting data into print data which a printing apparatus can process,  
10 said printing control apparatus comprising:

a setting unit which sets an overall setting to be applied to the entire print data and a partial setting to be applied to a designated page in generating the print data; and

15 a converter which converts the data into the print data in accordance with the overall setting and the partial setting while preferentially applying the partial setting set by said setting unit.

20 8. The printing control apparatus according to claim 7,

wherein said converter converts metadata generated by an operating system into the print data in accordance with the overall setting and the partial  
25 setting while preferentially applying the partial setting to the metadata.

9. The printing control apparatus according to claim  
7,

wherein said converter converts bitmap data  
generated by a renderer into the print data in  
5 accordance with the overall setting and the partial  
setting while preferentially applying the partial  
setting to the bitmap data.

10. A printing control apparatus for converting  
10 inputted drawing data into a print data which a  
printing apparatus can print and transferring the print  
data to the printing apparatus, said printing control  
apparatus comprising:

a first determination unit which determines an  
15 overall setting which is a print setting to be applied  
to the entire drawing data;

a first recorder which records the overall setting  
determined in said first determination unit in a  
setting table for managing settings;

20 a second determination unit which determines a  
partial setting which is a setting to be applied only  
to a part of pages in the case in which the drawing  
data extends over a plurality of pages;

a second recorder which records the partial  
25 setting determined in said second determination unit in  
the setting table; and

a generator which determines a setting to be used for each page of interest from the setting table and generates print data based upon the determined setting.

5 11. A printing system comprising:

a printing control apparatus for converting drawing data into a print data which a printing apparatus can process, comprising: a setting unit which sets an overall setting to be applied to the entire  
10 print data and a partial setting to be applied to a designated page in generating the print data; and a converter which converts the data into the print data in accordance with the overall setting and the partial setting while preferentially applying the partial  
15 setting set by said setting unit; and

a printer which is connected to said printing control apparatus and performs print processing in accordance with the print data.

20 12. A printing system comprising:

a printing control apparatus for converting inputted drawing data into a print data which a printing apparatus can print and sending the print data to the printing apparatus, comprising: a first  
25 determination unit which determines an overall setting which is a print setting to be applied to the entire drawing data;

a first recorder which records the overall setting determined in said first determination unit in a setting table for managing settings;

5 a second determination unit which determines a partial setting which is a setting to be applied only to a part of pages in the case in which the drawing data extends over a plurality of pages;

a second recorder which records the partial setting determined in said second determination unit in  
10 the setting table; and

a generator which determines a setting to be used for each page of interest from the setting table and generates print data based upon the determined setting; and

15 a printing control apparatus for converting inputted drawing data into a print data which a printing apparatus can print and transferring the print data to the printing apparatus; and

a printer which is connected to said printing  
20 control apparatus and performs print processing in accordance with the print data.

13. A computer program product recorded in a computer readable medium, comprising:

25 a setting process procedure code which sets an overall setting to be applied to the entire print data

setting table and generates print data based upon the determined setting.

and a partial setting to be applied to a designated page in generating the print data; and

a conversion process procedure code which converts the data into the print data in accordance with the overall setting and the partial setting while preferentially applying the partial setting set by said setting process procedure code.

14. A computer program product recorded in a computer readable medium, comprising:

10 a first determination process procedure code which determines an overall setting which is a print setting to be applied to the entire drawing data;

a process procedure code which records the overall setting determined in said first determination process procedure code in a setting table for managing settings;

a second determination process procedure code which determines a partial setting which is a setting to be applied only to a part of pages in the case in which the drawing data extends over a plurality of pages;

a process procedure code which records the partial setting determined in said second determination process procedure code in the setting table; and

25 a process procedure code which determines a setting to be used for each page of interest from the